



WASHINGTON STATE DEPARTMENT OF
Natural Resources



CARTOGRAPHIC TECHNICIAN INTERN
Aquatic Resources Division
Recruitment # 2006-09-AQRCT

AGENCY MISSION AND CHALLENGE:

The mission of the Department of Natural Resources (DNR) is to provide professional, forward-looking stewardship of our state lands, natural resources, and environment. DNR provides leadership under the Commissioner of Public Lands, an elected official, in creating a sustainable future for the State Trust Lands.

At the DNR, we envision a future in which our human and natural environment provides abundant and diverse social, ecological, and economic benefits for the people of Washington, in this and all future generations. In acting to ensure the vision, we ensure sustainability.

DNR manages over 5 million acres of state-owned land that includes forest, range, commercial, agricultural and aquatic lands. Since 1970 DNR-managed lands have generated \$6 billion that support public schools, state institutions and county services. These lands also provide public benefits that include fish and wildlife habitat, clean and abundant water and public access to outdoor recreation. The DNR operates with a biennial budget of approximately \$400 million and has over 1300 employees. For more information about the department, see the DNR website at www.dnr.wa.gov

Type of Position: There are two (2) positions available. These are non-permanent positions expected to last 2 to 3 months and are not union represented.

Term: October 1, 2006 to November 31, 2006 (may be negotiable)

Hourly Salary: \$14.54 to \$18.44

Benefits: Upon request, Washington DNR agrees to provide credit for the work, as well as allow the data generated to be used in the students research work

Posting Date: September 18, 2006

Closing Date: September 29, 2006

Location: Olympia

POSITION PROFILE

As part of its stewardship obligations, the Washington Department of Natural Resources (Washington DNR) is in the process of developing a GIS data layer documenting the extent of overwater structures (e.g., docks, bridges) on, or adjacent to, state-owned aquatic lands. These positions will assist in the completion of the data layer by quantifying the number, distribution, and total area of overwater structures, as well as attributing the data to distinguish between: bridges; buoys; floats; buildings; docks able to accommodate more than 4 vessels, as well as those accommodating fewer than 4; areas of fill; the approximate area covered by decking (complete or partial); and structures that have dissimilar components (e.g., dock with vessels and floating home).

This announcement is published by the Washington State Department of Natural Resources (DNR). The DNR is an equal opportunity employer. **Women, racial, and ethnic minorities, persons of disability, and disabled and Vietnam-era veterans are encouraged to apply.** Persons with a disability who need assistance during the screening process, or those needing this announcement in an alternative format may contact DNR's ADA Coordinator at (360) 902-1150. DNR may be contacted using the Washington State Telecommunications Relay Service (TTY) by dialing 711

Mapping will follow defined project protocols and will be done at a 1:1000 scale using available orthophotographs and will include all navigable lakes and rivers, coastal bays (Willapa and Grays Harbor), the Columbia River Estuary, and may also include Hood Canal and the Strait of Juan de Fuca.

The data generated in this project will be used in the development of a state-wide Habitat Conservation Plan (HCP) for state-owned aquatic lands, as well as to facilitate the HCP's cumulative impacts analysis and identify areas of likely trespass.

REQUIRED POSITION QUALIFICATIONS

- Proficiency in ArcGIS 9.1;
- Knowledge of technical cartography including land survey, map projections and standards, drafting, geography, land uses, biological demographics, etc.; digitizing and editing methods and techniques for geographic information; geometry, trigonometry and arithmetic calculation and problem resolution;
- Ability to evaluate and resolve differences between a variety of technical information sources; encode and enter geographic information into a computer drafting, mapping or geographic information system, follow standard procedures and resolve technical differences to produce map/data products.

WHO MAY APPLY

This recruitment is open to anyone who meets the required qualifications for this position.

APPLICATION PROCESS

To be considered for this position please submit:

- A letter of interest describing how your experience and qualifications relate to the job profile and the required and desired position qualifications. Indicate in your letter of interest how you learned of this opportunity.
- A completed resume
- An online voluntary [Applicant Profile Questionnaire](#).

The first screening will be based on information contained in your letter of interest and your state application.

Electronic method preferred	OR other method
Carol Cloen Lead Scientist, ESA Compliance Team 360-902-1098 Carol.cloen@wadnr.gov	Roberta Searles Department of Natural Resources PO BOX 47033 Olympia, WA 98504-7033

NOTE: Please indicate **Cartographic Technician Intern and recruitment #2006-09-AQRCT** in the subject line of your e-mail.

By submitting the application materials you are indicating that all information is true and correct to the best of your knowledge. You understand that the state may verify information and that untruthful or misleading information is cause for removal from applicant pool or dismissal if employed.

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